



State of Wisconsin
Governor Scott Walker

Department of Agriculture, Trade and Consumer Protection

Ben Brancel, Secretary

DATE: December 10, 2013

TO: Board of Agriculture, Trade and Consumer Protection

FROM: Ben Brancel, Secretary
John Petty, Administrator, Agricultural Resource Management Division

SUBJECT: Nutrient Management Implementation through Voluntary and Regulatory Programs

REQUESTED ACTION: For Informational Purposes Only

A **Nutrient management (NM) Plan** is a system of conservation practices and crop management methods used by farmers to manage the amount, form, placement, and timing of the application of nutrients (whether as manure, commercial fertilizer, or other form of nutrients) to maintain and/or improve the soil condition. The purpose is to supply plant nutrients for economically optimal crop yields while minimizing nutrient runoff to surface water and contamination of groundwater. This is accomplished by identifying areas of the farm that are most susceptible to groundwater contamination, soil erosion and runoff, and addressing these risks by adjusting the crop management system to reduce the risk of negative environmental impacts.

This memo is intended to provide the ATCP Board with information regarding the existing programs and initiatives that require, incentivize, or support NM in Wisconsin.

Regulatory Programs that Incorporate Nutrient Management Planning

- NR 151 Runoff Management Compliance (NR 151.07)
- NR 243 Animal Feeding Operations (NR 243.14)
- Livestock Siting (ATCP 51.16)
- Notice of Discharge Recipients (NR 243.24)
- County Manure Storage Ordinances – require a 12 month operation and maintenance plan that must include a NM plan to ensure the farm has enough land to accommodate the volume of manure generated
- DATCP Cost-share Programs – NM can be cost-shared as a “stand-alone” practice or can be required as a part of operation and maintenance obligations when other farmstead practices are cost-shared, regardless of whether a local ordinance is in place
 - Nutrient Management (ATCP 50.04 (3); ATCP 50.78)
 - Manure Storage (ATCP 50.04 (3); ATCP 50.62)
 - Barnyard Runoff Control Systems (ATCP 50.04(3); ATCP 50.64)

Voluntary Programs that Incorporate Nutrient Management Planning

- Natural Resources Conservation Service’s Environmental Quality Incentives Program (EQIP)
- Farmland Preservation Program (Ch. 91.80 Stats.; ATCP 50.16)
- Voluntary NM planning without participation in any local, state, or federal program

Agriculture generates \$59 billion for Wisconsin

2811 Agriculture Drive • PO Box 8911 • Madison, WI 53708-8911 • 608-224-5012 • Wisconsin.gov

An equal opportunity employer

Programs and Projects that Support Nutrient Management Planning in Wisconsin

- **SnapPlus Nutrient Management Planning Software Program**, UW Soils Department; assists in crop management record keeping, fertilizer recommendations, and 590 NM restrictions compliance, <http://snapplus.wisc.edu>
- **Nutrient Management Application Restriction Maps**, DATCP/NRCS/UW Soils; provides free, online access to farm level maps which indicate sensitive landscape features that impact nutrient application rates, timing, or placement to reduce nonpoint runoff impacts from agricultural operations, www.manureadvisorysystem.wi.gov
- **Runoff Risk Advisory Forecast**, DATCP/NOAA-NWS/UW Soils Department; provides daily runoff risk forecasts based on NWS surface runoff models that include soil moisture, precipitation, and snow melt data, <http://gis.soils.wisc.edu/app/runoffrisk>
- **Nutrient Management Farmer Education Curriculum**, UW Nutrient and Pest Management/UW Extension; NM curriculum developed to educate producers, agricultural professionals, and others on the principles and processes associated with NM planning.
- **Nutrient Management Farmer Education Program**, DATCP/UW Extension/County Land Conservation Staff/WI Technical Colleges; provides competitive grant dollars to partners who conduct classes that train farmers to write their own NM plans which include all state and federal NM requirements. Farmers are then eligible to write their own NM plans, but need to attend a refresher course every 4 years.

